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(iv) local pans of thick sheet iron, which last for many years, are now used and the ryots are reluctant to purchase new pans suitable for the new furnace when they have old ones; and

(v) preparation of jaggery is done by professional contractors who control the sugarcane growers and they discourage them from taking up the improvement.

(e) Yes. Work has already been started at Chitwadigai and it will be taken up at Kampli and Kamalapuram in the course of the year. The department will persist in the work by studying local conditions and adopting the necessary improvements and in educating the ryots to overcome the commercial and labour interests. In course of time it should be possible to create a demand for better jaggery when the full benefits of the departmental method will be realized and appreciated. It is only question of time.

Mr. K. Koti Reddi :—" May I know, Sir, if similar attempts are made in other parts of the Presidency than the Bellary district?"

The hon. Mr. M. R. Seturatnam Ayyar :—" I think there is one at Coimbatore."

Mr. K. Koti Reddi :—" May I know, Sir, if similar attempts are made in other parts of the Bellary district?"

The hon. Mr. M. R. Seturatnam Ayyar :—" Notice."

Mr. G. Harisarvottama Rao :—" May I know whether the Minister for Development will institute enquiries to see as to whether portions of the Kurnool district do not require such an experiment?"

The hon. Mr. M. R. Seturatnam Ayyar :—" That will be done."

Mr. D. Narayana Raju :—" May I know the expenditure involved in these demonstrations?"

The hon. Mr. M. R. Seturatnam Ayyar :—" Notice."

Work done by the Livestock section of the Department of Agriculture.

* 1789 Q.—Mr. R. Nagan Gowda : Will the hon. the Minister for Development be pleased to state—

(a) the object with which the Livestock section of the Department of Agriculture was established;

(b) how far this object has been achieved;

(c) how many stud bulls, buffalo bulls and rams have been placed by the department either by sale or otherwise for breeding purposes in each of the last five years in the Ceded districts and in the Bellary district;

(d) what breeds of cattle have been recommended by the department as best suited for Ceded districts—

(i) for draft purposes,
(ii) for milk and
(iii) for both purposes; and

(e) whether the Government farms in the Ceded districts are keeping for their use typical draft bullocks and dual purpose cows and bulls?

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A.—(*a*) The Livestock section was established mainly for the improvement of agricultural livestock, both for milk and draught purposes. Work on sheep and poultry has also received some attention.

(*b*) Breeding bulls and cows have either been sold or placed at stud.

Thirty-nine farm bred bulls have been placed at stud in the districts in veterinary hospitals, jails, farms, etc., for serving outside cows.

There are 32 bulls approved under the premia scheme and more than half of these have been supplied by the Livestock section to individuals or private bodies. Eleven applications for bulls have been received by the Director of Agriculture and they are receiving attention.

The Government have under their consideration a scheme for concentrating attention on breeding in some of the forest areas by placing stud bulls in the forests.

A detailed account of the work done by the Livestock section will be found in the annual administration reports. The Director of Agriculture will shortly publish a bulletin entitled "The work of the Livestock section."

(*c*) One Ongole bull was at stud at Hagari Experiment station from 31st July 1924 to 2nd June 1926.

One bull was loaned to the trustee of the Mahanandeswar temple in Nandyal in June 1926 and withdrawn in March 1928 as it was neglected. The bull was then kept with the Veterinary Assistant Surgeon for some time and withdrawn as it was found unfit.

It is proposed to supply a Sinde bull to the Superintendent, Alipuram Jail, Bellary.

(*d*) No survey of cattle has been undertaken in these parts and no applications for advice, etc., have been received from any party. It is proposed to commence work on the survey of cattle in Kurnool district in April next.

Attention on breeding is being concentrated in the breeding tracts of Guntur and Coimbatore districts at present.

(*e*) No. Only bulls suitable for farm operations are kept.

Industries

Winding up of Government industrial concerns.

• 1790 *Q.*—Mr. K. V. R. Swami : Will the hon. the Minister for Development be pleased to state—

(*a*) the number of industrial concerns wound up since they were first started ;

(*b*) the nature of each ;

(*c*) the reasons for closing them ;

(*d*) the loss sustained in each ; and

(*e*) when they were started and when they were closed?